

Potential DERA 2022 Competitive Grant
**Proposed Project Information:
Irrigation Engine Replacement**

All-electric replacement of a diesel irrigation engine.

The Nebraska Department of Environment and Energy (NDEE) is considering applying for a DERA National Competitive Grant as a supplement to the annual Nebraska Clean Diesel Rebate Program. The department is soliciting information on potential projects that could be included in such an application. Please consult the full Request for Projects document for background information.

Who is eligible?

NDEE is soliciting proposals from public entities (including but not limited to county and municipal governments), private organizations, companies, and individuals.

Applicants may submit information for one engine.

An agricultural diesel irrigation engine to be replaced must:

- be fully operational and have at least three years of remaining life as estimated by the owner
- have been operated at least 250 hours per year for each of the previous two years
- have been under current ownership for the past two years
- be scrapped if selected for replacement

The diesel engine must be replaced by an electric motor or by connecting an existing submersible pump to the electric grid.

Expected reimbursement:

The expected reimbursement is 60% of the costs of equipment, installation and wiring, and electric utility costs for connecting to the grid; the maximum rebate amount is \$20,000.

Parties interested in **irrigation engine replacement** may submit a proposal to NDEE for the DERA National Competitive Grant Program *and* also apply for a rebate from the Nebraska Clean Diesel Rebate Program (applications expected to open by October 1, 2022) for the same engine (to increase chances of funding) or for different diesel irrigation engines. However, a single project cannot be jointly funded through both sources.

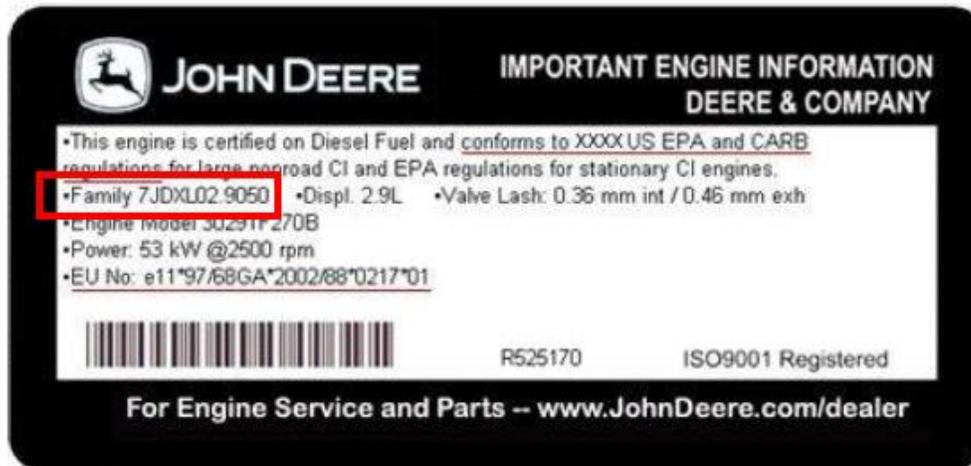
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Submission of Project Proposal and Cost-Share Commitment Letter

NDEE’s proposed application for the DERA National Competitive Grant Program must identify each vehicle or piece of equipment that is to be replaced along with quoted purchase costs. We must also include information on the engine and the annual hours of use; this information is used to determine project eligibility and to estimate the emission reductions to be achieved by the project.

Please use the attached form to provide information on the diesel irrigation engine you propose to be replaced and the replacement equipment. You must obtain price quotes for the new equipment and service work and include the quoted prices on the form. Documentation of ownership (title and registration), mileage/hours of use, and copies of actual price quote documents are NOT required with your proposal. However, if your project is selected and funded, NDEE will require this documentation before entering into a project agreement.

A required item on the proposal form is the Engine Family of the diesel engine; this is a 12-character (letters and numbers) identifier assigned when the diesel engine model was certified in compliance with EPA emission standards. An example of an engine emissions label showing the engine family is shown below.



Along with your project proposal you must also submit a **Cost-Share Commitment Letter** stating that if your project is selected for funding, you will provide the funds needed for the mandatory cost-share for your project. A template for a Cost-Share Commitment Letter is attached.

Please submit the proposal form and cost-share commitment letter no later than Tuesday, September 20th, 2022. Submission of a proposal does not guarantee selection or funding.

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Section 1 – Applicant Information

Applicant/Company Name: _____

Project Manager (if different from authorized signatory): _____

Address: _____

City State Zip Code

Email address: _____ Phone: _____

Section 2 – Current Diesel Engine Information						
County in which engine operates						
Engine Location	¼ Sec:	Section #	Township #:	N	Range #:	<input type="checkbox"/> E <input type="checkbox"/> W
Diesel Engine Manufacturer						
Diesel Engine Model						
Engine Serial Number						
EPA Engine Family						
Engine Model year		Engine horsepower rating (intermittent brake HP)				
Primary Fuel		Annual Fuel Consumption (gallons)*				
Annual hours operating in last two years* (must be at least 250 hrs each year)		2021:	Current hour meter reading:			
		2020:				
Remaining years of service (estimate; minimum 3)						
* Please provide values that are as accurate as possible to provide a basis for scoring your application. If project is selected for funding, documentation of these values will be requested.						

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Section 3 – Electrical Equipment Quote Summary: Provide summary information from each quote in the fields below. If project is selected for funding, copies of quotes will be required.					
Section 3a – Electric Motor and Installation (if applicable)					
Motor Manufacturer:				Model:	
Dealer & Address:					
Motor & Equipment Cost:		Installation Cost (include electrical infrastructure if all work is done by the same vendor)			
Total Cost of Motor and Installation:					
Section 3b – Electrical Infrastructure Costs from Separate Vendor: Panels, wire, trenching, etc. required to connect wellsite to the electric grid. Includes infrastructure to connect an existing submersible pump, or to connect a new electric motor. Do not include Utility Service Line Extension (see Section 4 below).					
Vendor:				Equipment & Labor Cost:	
Vendor Address:					
Other Details:					
Section 4 – Electric Utility Service Line Extension Cost					
Electric Service Provider:					
Distance extended (ft):		Cost per foot:		Total Cost:	
Equipment Cost:		Total Cost from Utility:			
Amount of Electric Utility Incentive:		Net Utility Cost (Total cost minus incentive):			
Section 5 – Total Project Cost and Rebate Requested					
Total Project Cost (equipment, installation, service extension):					
Rebate Amount Requested: (60 % of Total Project Cost, maximum \$20,000)					

Section 6 – Applicant Certification	
<p>Owner or Authorized Representative: I certify to the best of my knowledge that:</p> <ul style="list-style-type: none"> <input type="checkbox"/> The information contained herein is true and correct. <input type="checkbox"/> The engine would not be replaced without financial assistance from EPA. <input type="checkbox"/> The engine being replaced is currently in use, in proper working condition, and currently used to power an irrigation pump (or generator powering a submersible pump). If selected for an award, the new electrical equipment will perform this same function. <input type="checkbox"/> I or my organization/company has owned the engine for at least the last two years. <input type="checkbox"/> The engine being replaced has operated at least 250 hours per year for each of the last two years. <input type="checkbox"/> If selected for an award, I or my organization/company will maintain ownership of the replacement equipment for at least five years from the date of purchase. I understand that if the replacement equipment is sold before the end of the five-year period or used for purposes other than specified in the conditions of this rebate program, I or my organization/company may be required to return up to the full amount of the rebate to NDEE. The amount required to be returned is at the discretion of NDEE and will be determined on a case-by-case basis. <input type="checkbox"/> I or my organization/company is either headquartered or has an operational base in Nebraska and the new equipment will continue to operate in Nebraska. <input type="checkbox"/> The engine to be replaced will be properly disposed of in accordance with the requirements of this agreement. <input type="checkbox"/> I understand that any project costs incurred before a signed project agreement is on file with NDEE are not eligible for reimbursement. <input type="checkbox"/> I am not currently debarred or suspended from receiving federal funding. <input type="checkbox"/> I have the legal authority to sign this agreement. <input type="checkbox"/> I acknowledge that failure to provide all applicable information may result in the denial of my application. 	
<p>Printed Name and Title of Authorized Representative</p>	
<p>Signature</p>	<p>Date</p>

Mail, e-mail, or hand-deliver Project Information Form and Cost-Share Commitment Letter to:
 Nebraska Clean Diesel Rebate Program
 Nebraska Department of Environment and Energy
 245 Fallbrook Blvd
 P.O. Box 98922
 Lincoln NE 68509-8922
NDEE.AirQuality@nebraska.gov

Cost-Share Commitment Letter Template

[Date]

[Company Name]

[Address]

[City], NE [Zip]

Nebraska Clean Diesel Rebate Program
Nebraska Department of Environment and Energy
P.O. Box 98922
Lincoln, NE 68509-8922

NDEE Clean Diesel Rebate Coordinator:

As an authorized representative of [Company Name], I understand that the diesel emission reduction project proposed herein will be reviewed by the Nebraska Department of Environment and Energy (NDEE) for eligibility and for the projected amount of emissions reductions. If the project is selected by NDEE and NDEE's competitive grant application is fully funded by the U.S. Environmental Protection Agency (EPA), the grant to NDEE would provide partial reimbursement for the project costs upon completion of the project, according to the grant guidelines provided by NDEE and EPA. I understand that the remaining project costs, termed the Mandatory Cost Share, would be the responsibility of [Company Name], which hereby commits to meet the Mandatory Cost Share in full if the project is selected and funded. I understand that no other federal grant funds may be used to cover any portion of the Mandatory Cost Share.

Sincerely,

[Signature of authorized representative]

[Printed name and title of authorized representative]